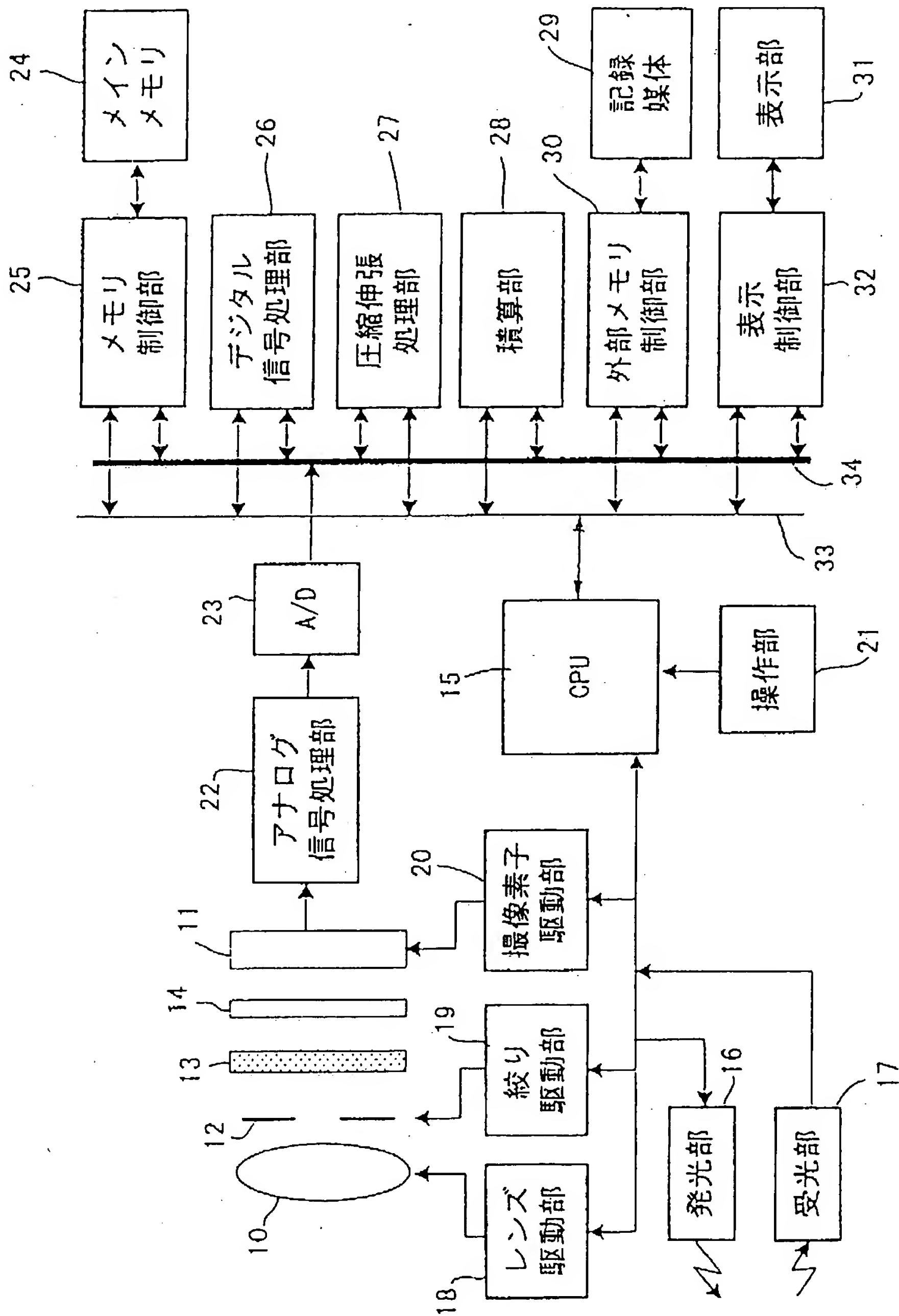


【書類名】 図面

~~【図1】~~ FIG. 1



- 16 Light-Emitting Unit
- 17 Light-Receiving Unit
- 18 Lens-Driving Unit
- 19 Diaphragm-Driving Unit
- 20 Image Sensor-Driving Unit
- 21 Operating Unit
- 24 Main Memory
- 25 Memory Control Unit

- 26 Digital Signal Processing Unit
- 27 Compression-Decompression Unit
- 28 Integration Unit
- 29 Recording Medium
- 30 External Memory Control Unit
- 31 Display Unit
- 32 Display Control Unit

【図2】 Fig. 2

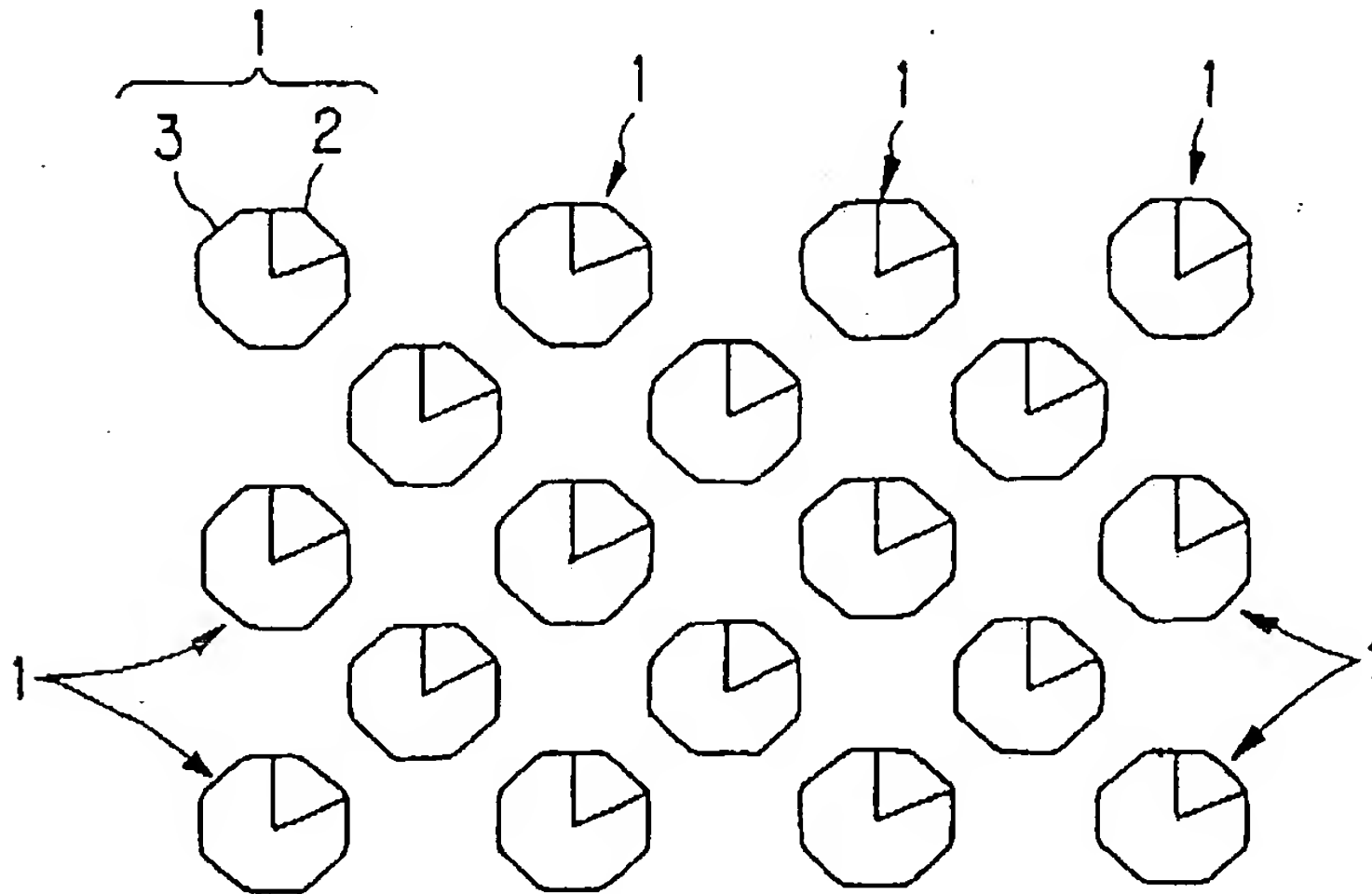
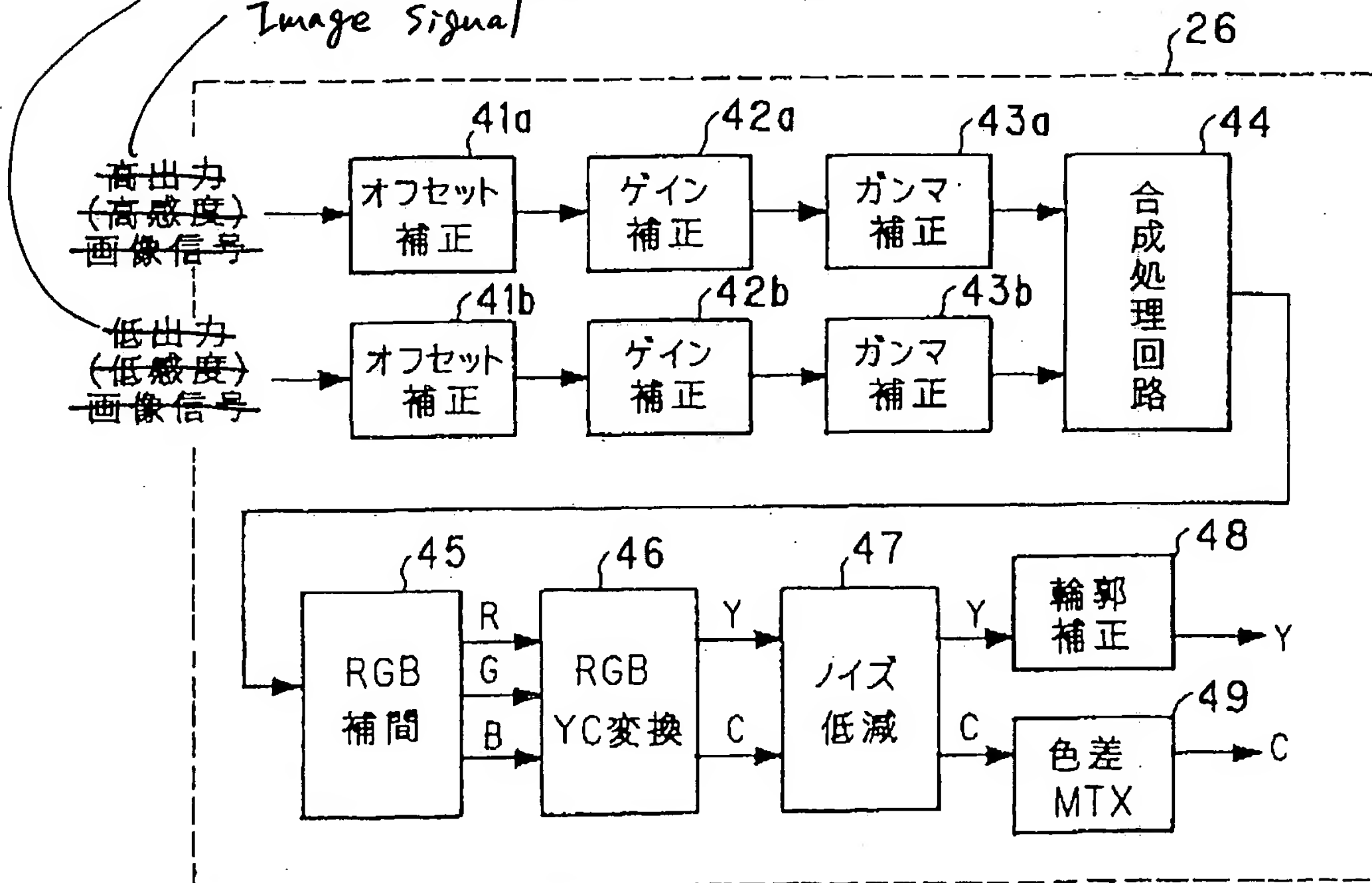


Fig. 3

【図3】

Low output (Low Sensitivity) Image Signal
High Output (High Sensitivity)
Image Signal



41a, 41b Offset Correction

42a, 42b Gain Control

43a, 43b Gamma Correction

44 Image Combination Operation Circuit

45 RGB Interpolation

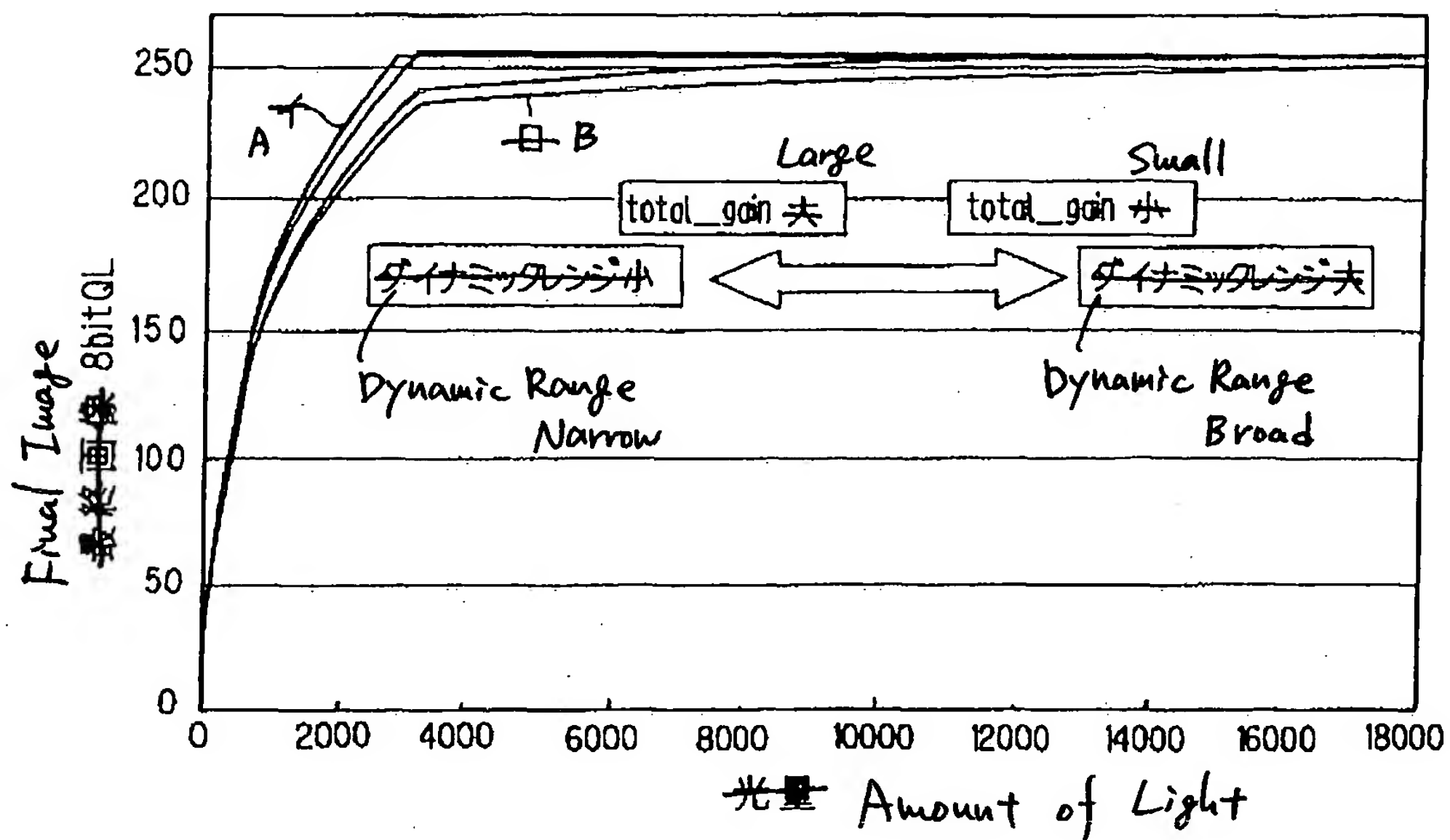
46: RGB/YC Conversion

47: Noise Reduction

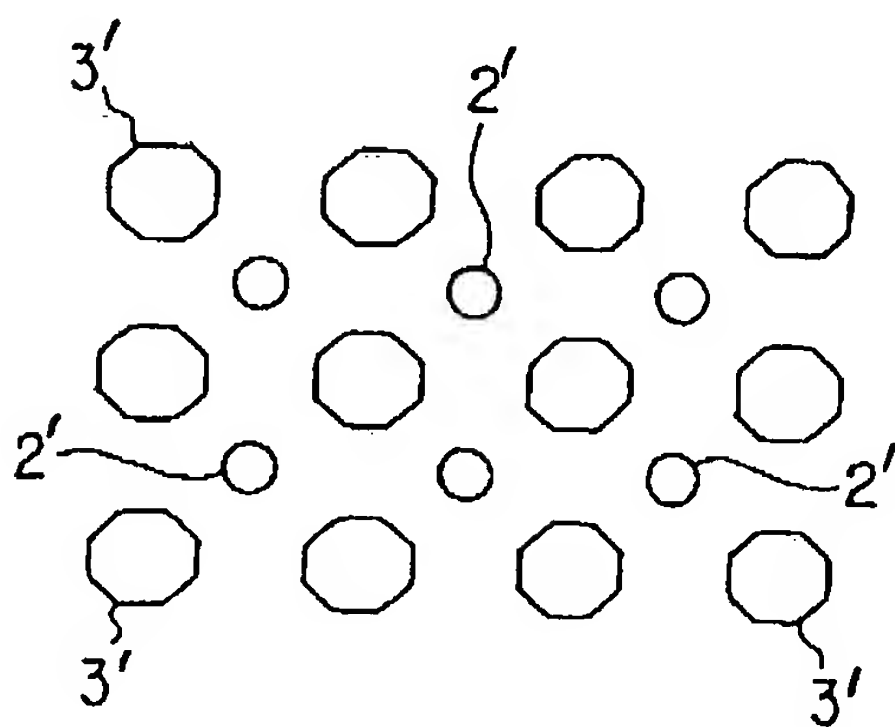
48: Contour Correction

49: Color Difference Matrix

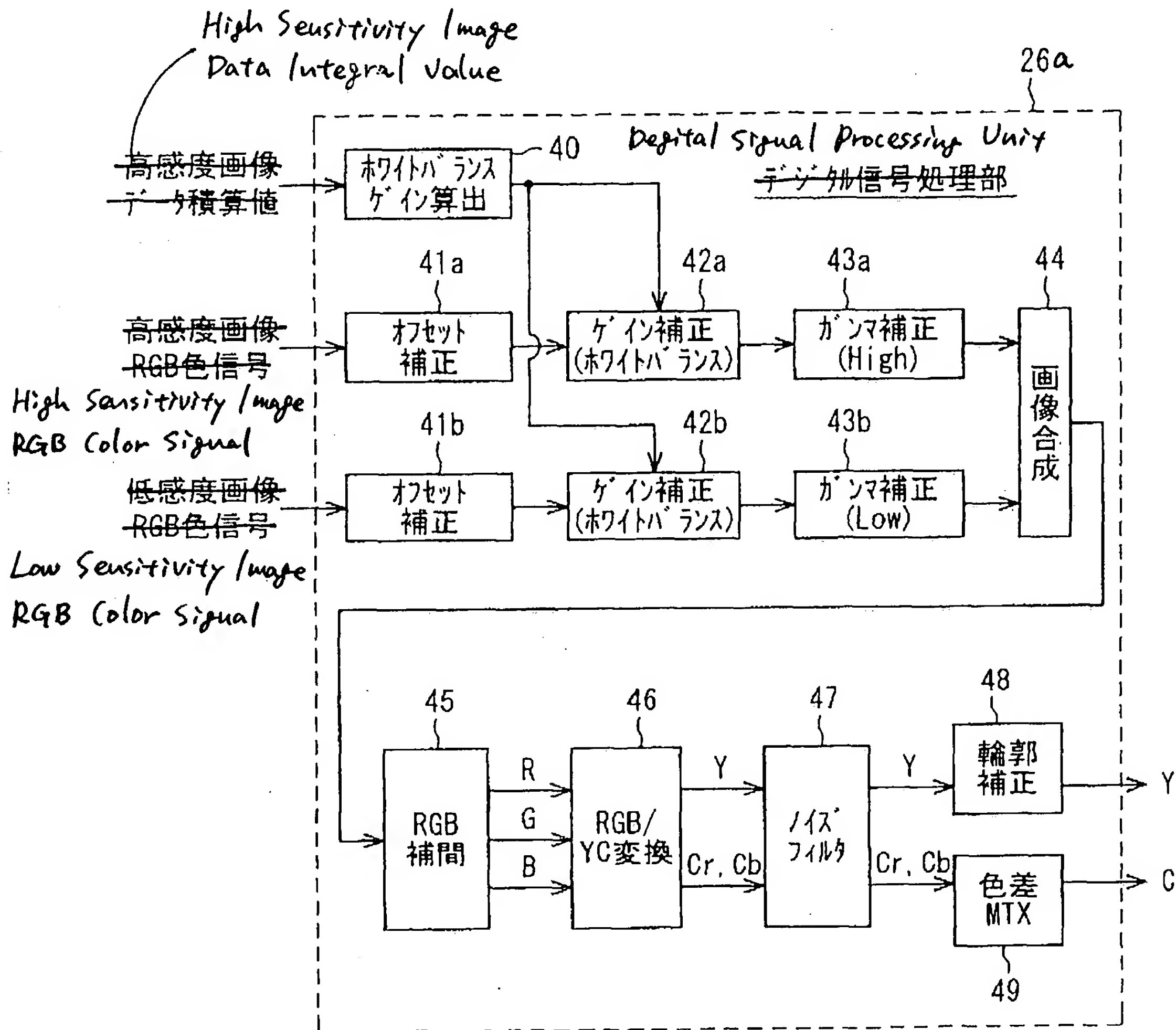
【図 4】 FIG. 4



【図 5】 FIG. 5

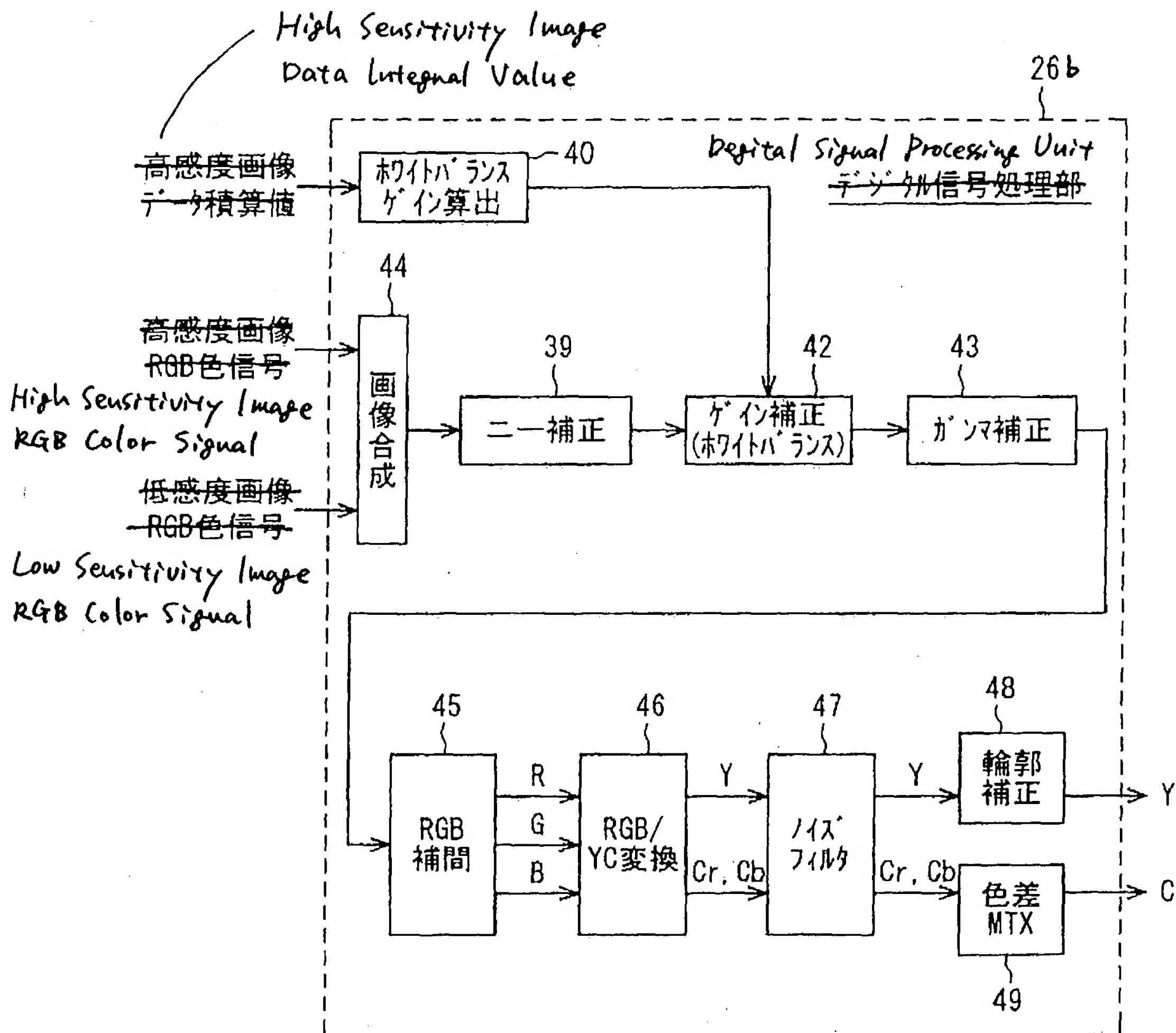


【図2】 FIG. 6



- | | | | |
|----------|--------------------------------|----|-------------------------|
| 40 | White Balance Gain Calculating | 45 | RGB Interpolation |
| 41a, 41b | Offset Correction | 46 | RGB/YC Conversion |
| 42a, 42b | Gain Control(White Balance) | 47 | Noise Reduction |
| 43a | Gamma Correction (High) | 48 | Contour Correction |
| 43b | Gamma Correction (Low) | 49 | Color Difference Matrix |
| 44 | Image Combination | | |

【図 3】 Fig. 7



40 White Balance Gain Calculating

41a, 41b Offset Correction

42a, 42b Gain Control(White Balance)

43a Gamma Correction (High)

43b Gamma Correction (Low)

44 Image Combination

45 RGB Interpolation

46: RGB/YC Conversion

47: Noise Reduction

48: Contour Correction

49: Color Difference Matrix

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【書類名】 図面

【図1】
Fig. 8

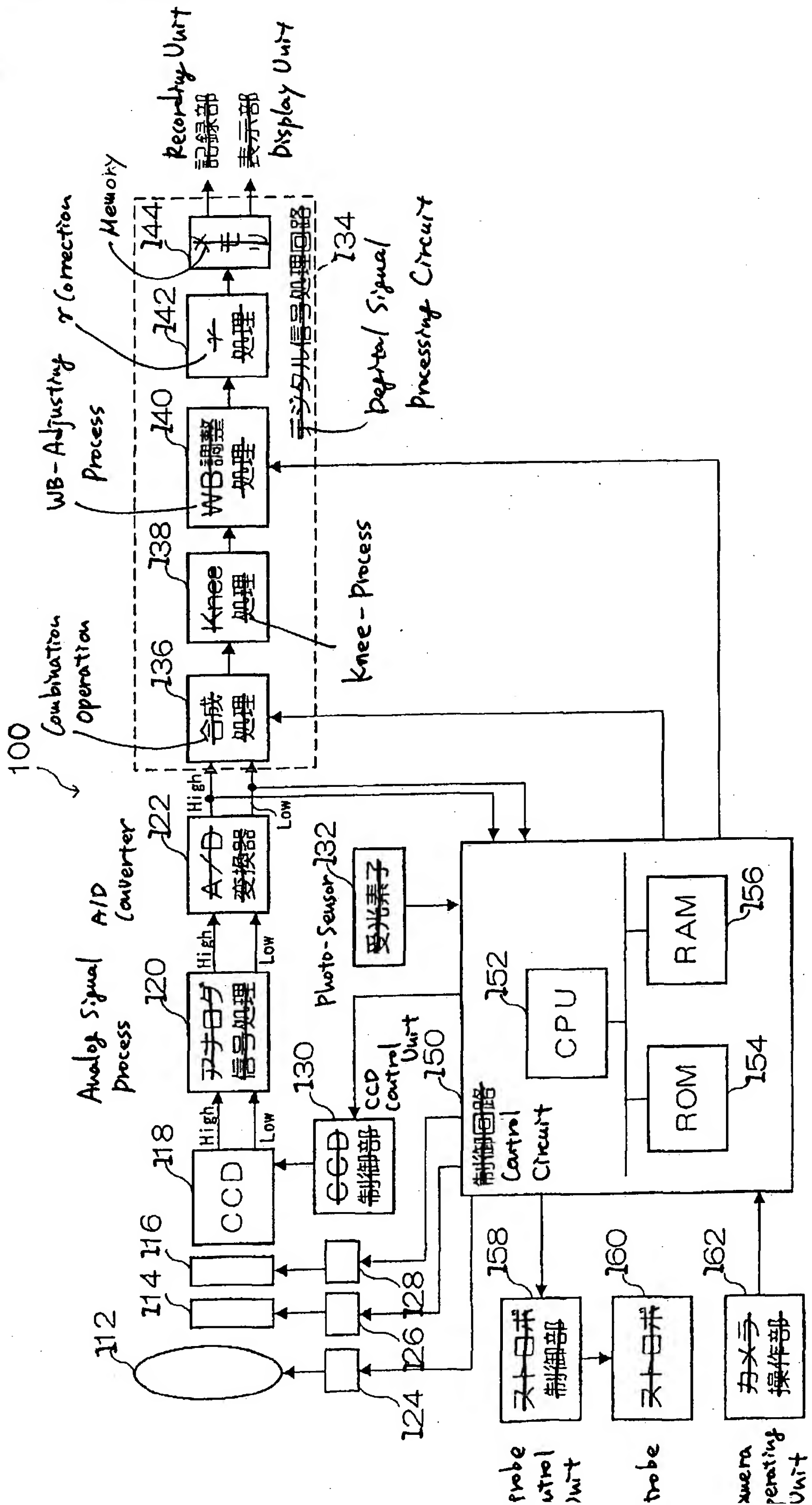
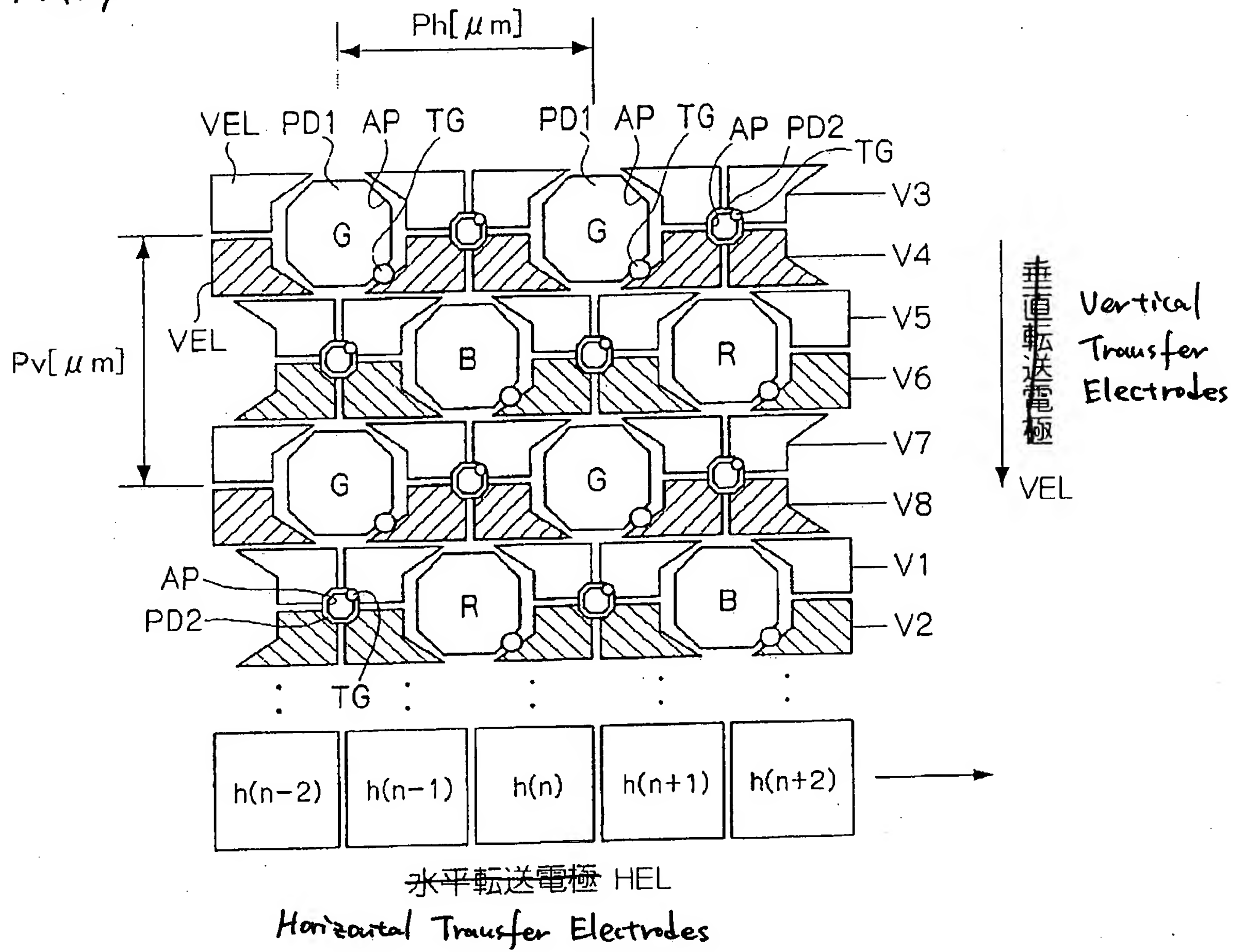
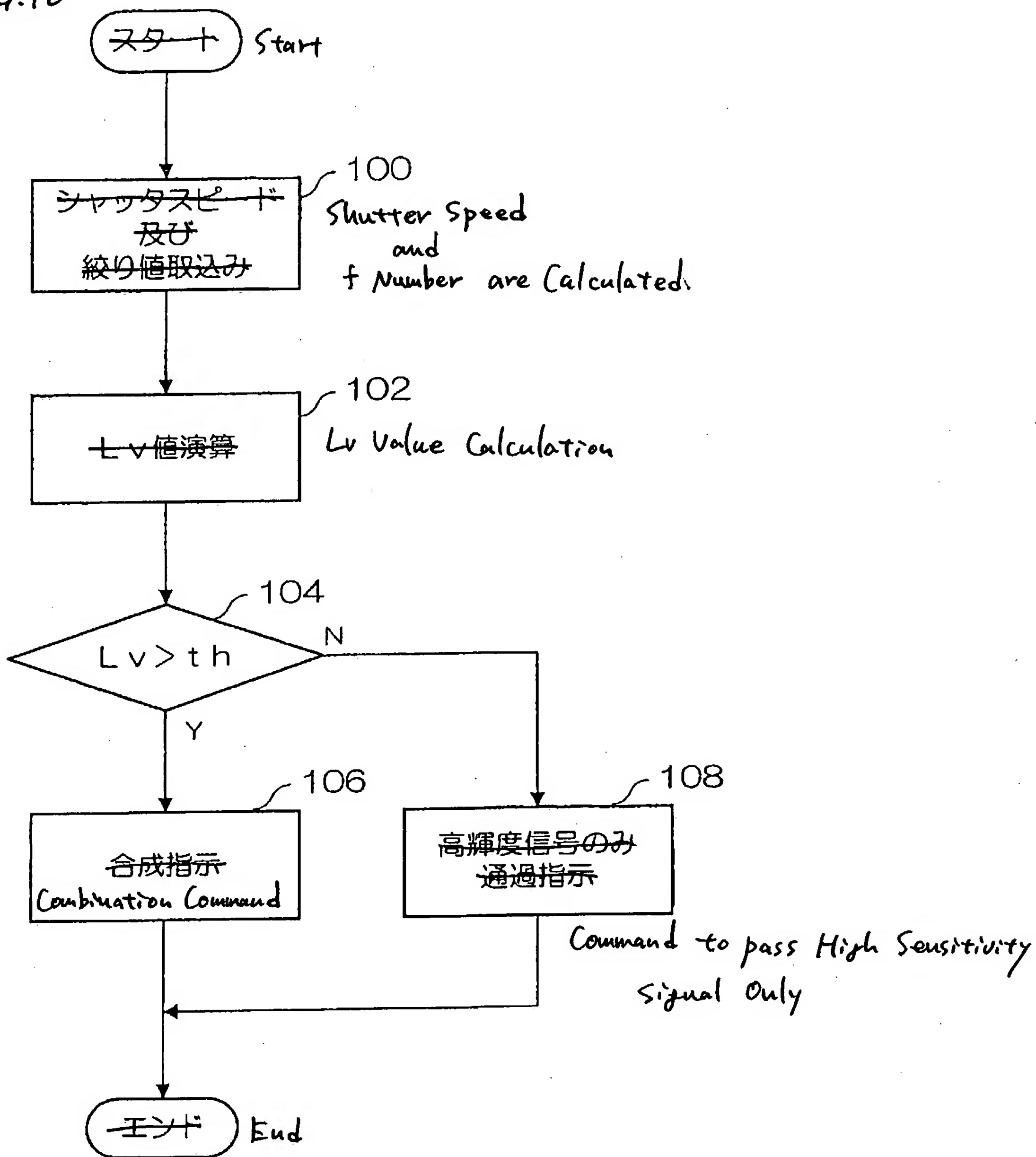


FIG. 9



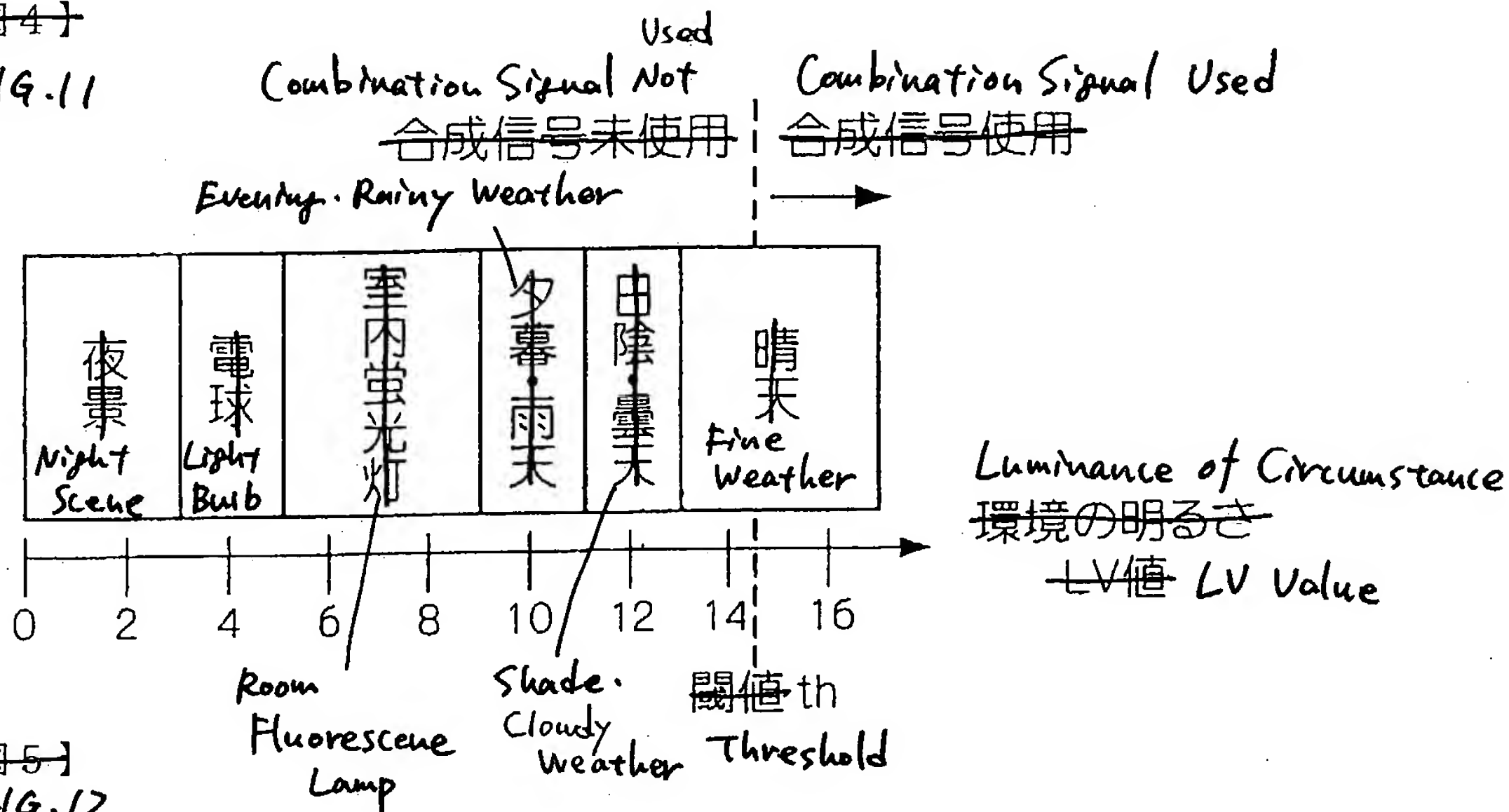
【図3】

FIG.10



~~【図 4】~~

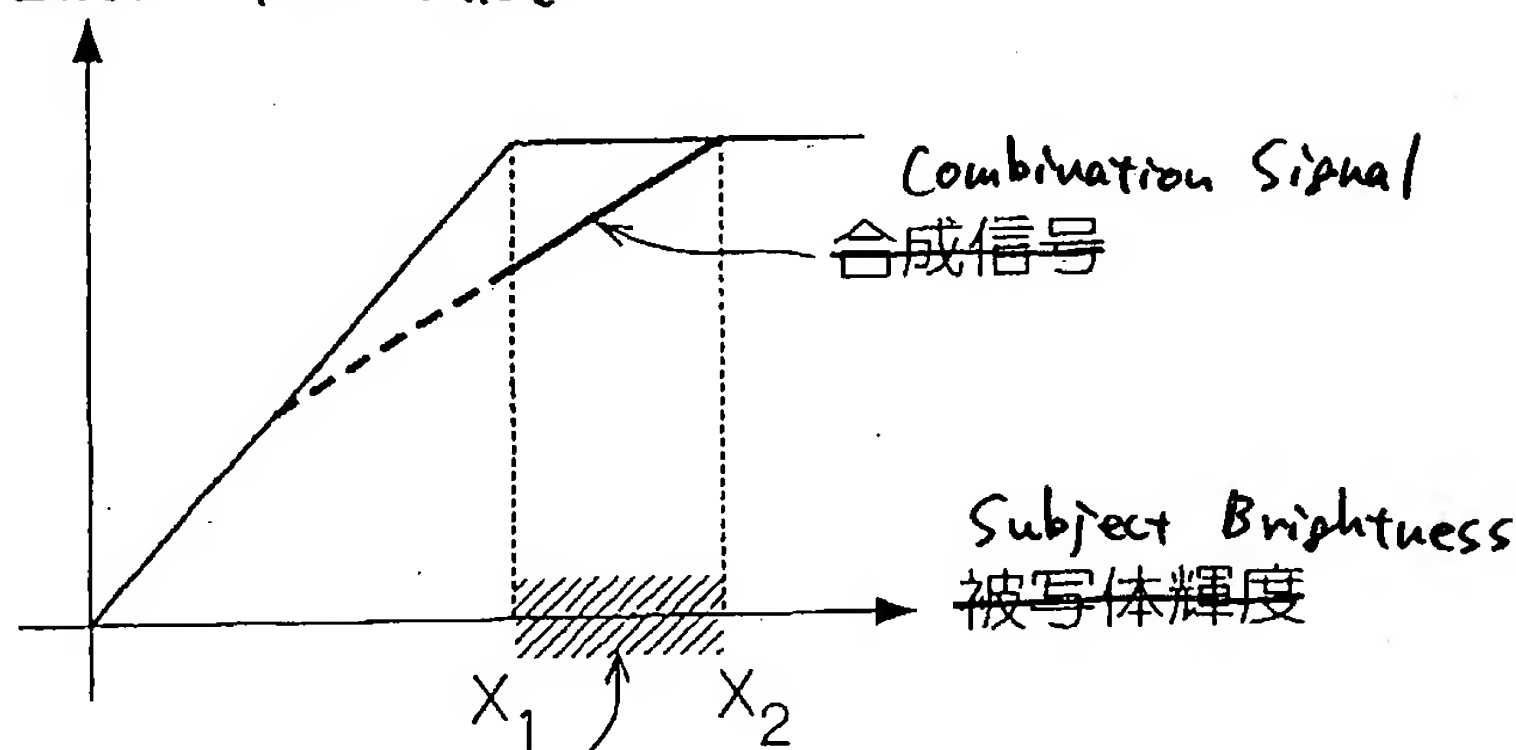
FIG. 11



~~【図 5】~~

FIG. 12

~~階調値~~ Tone Value

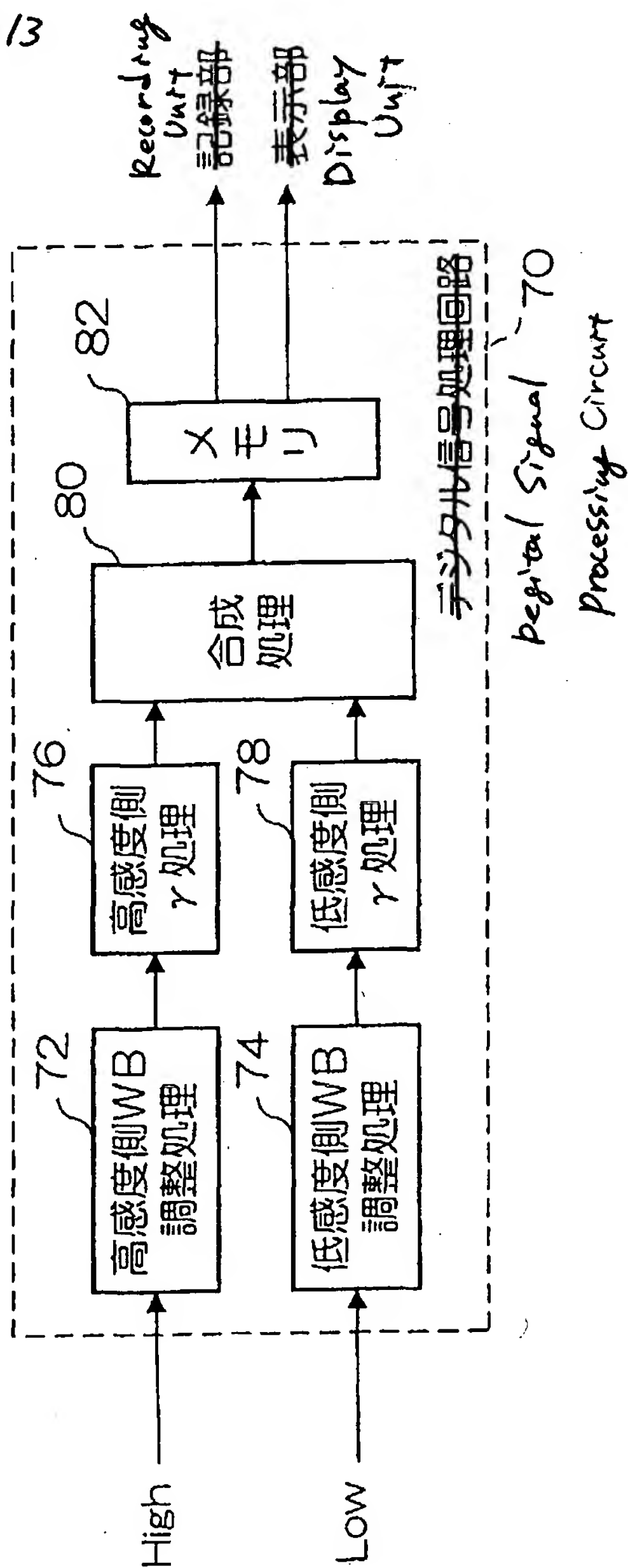


~~合成信号作成により
 表現が可能となった~~

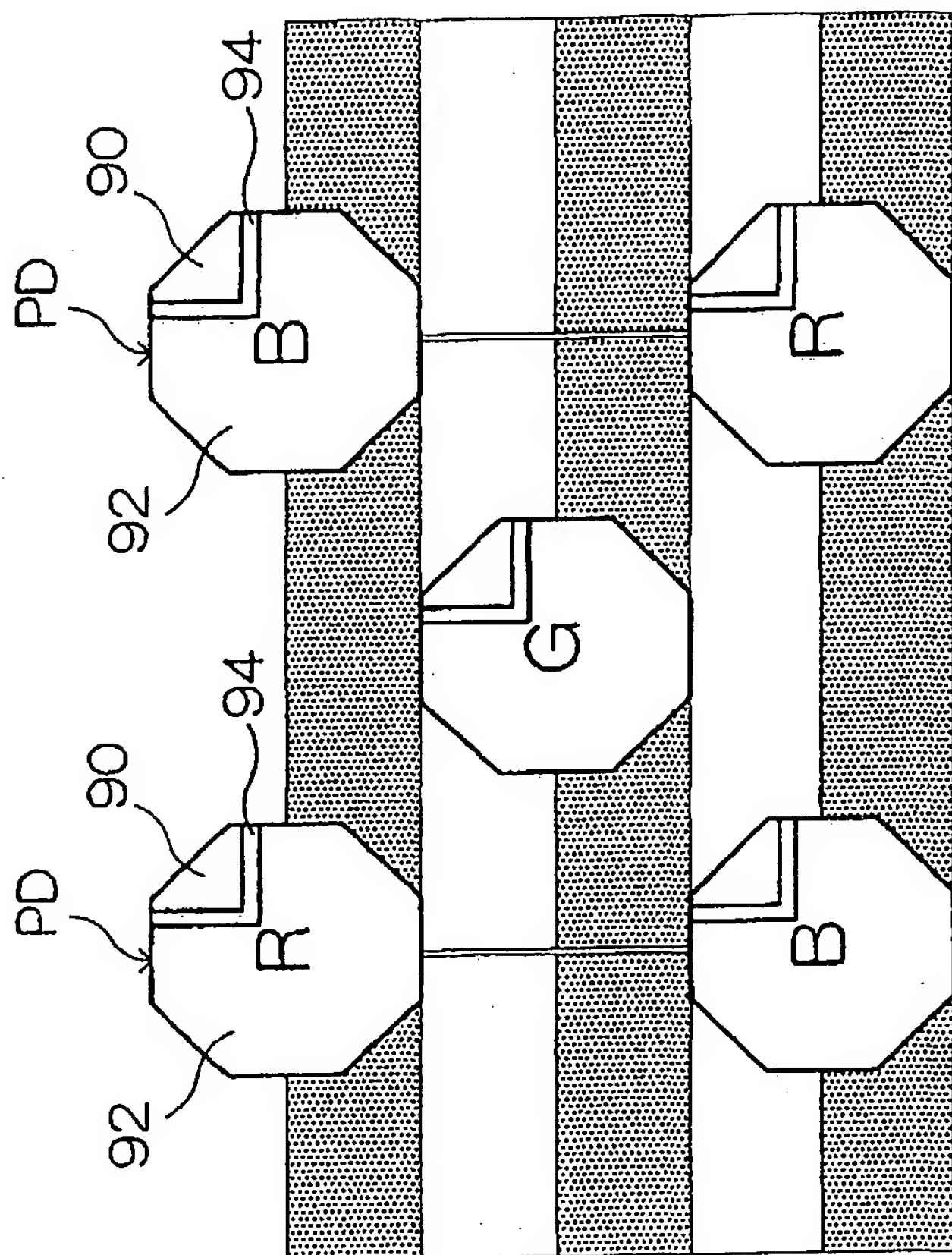
It become expressible
 by generating Combination Signal

【図6】

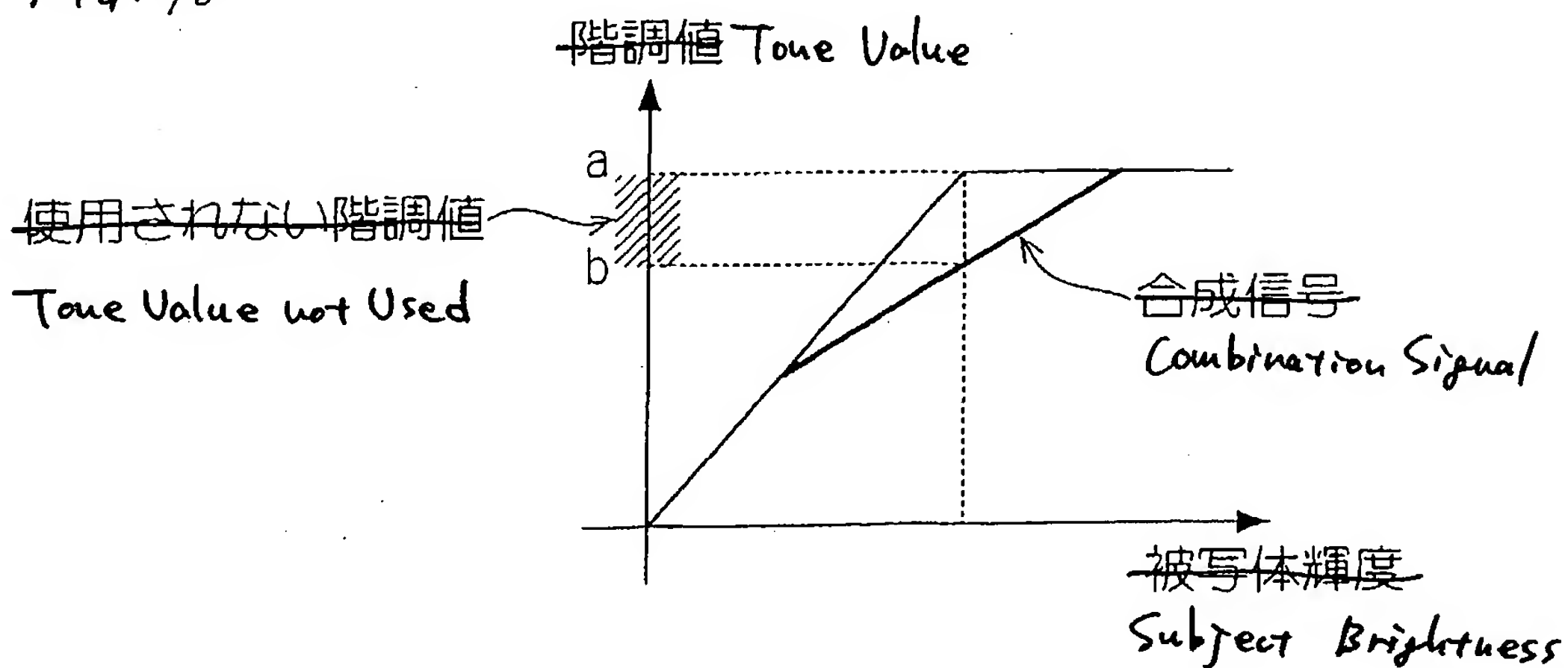
Fig.13



~~図 7~~ FIG. 14



~~図 8~~ FIG. 18

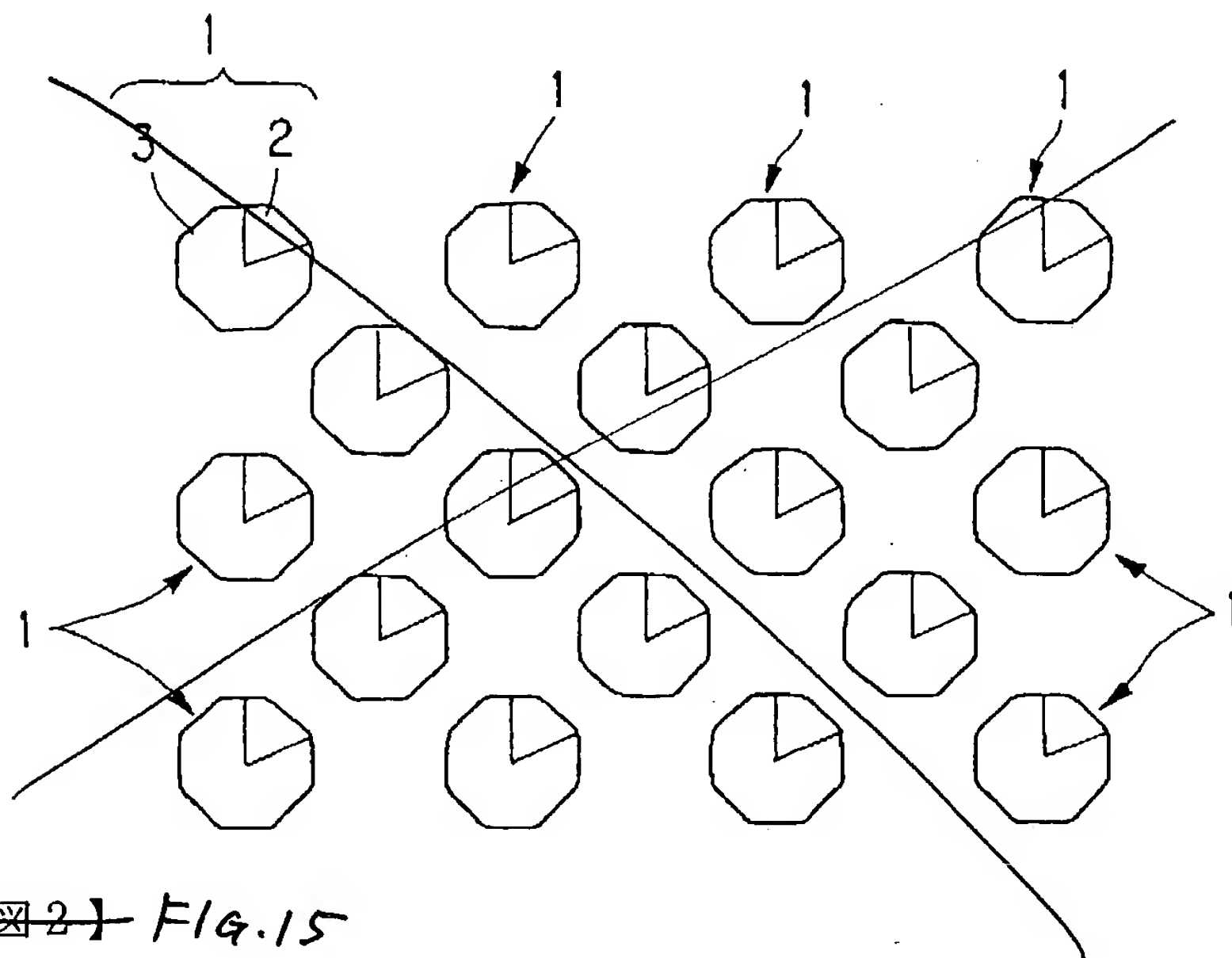


整理番号 = P - 4 1 0 0 0

提出日 平成 1 4 年 6 月 2 4 日
頁: 1 / 2

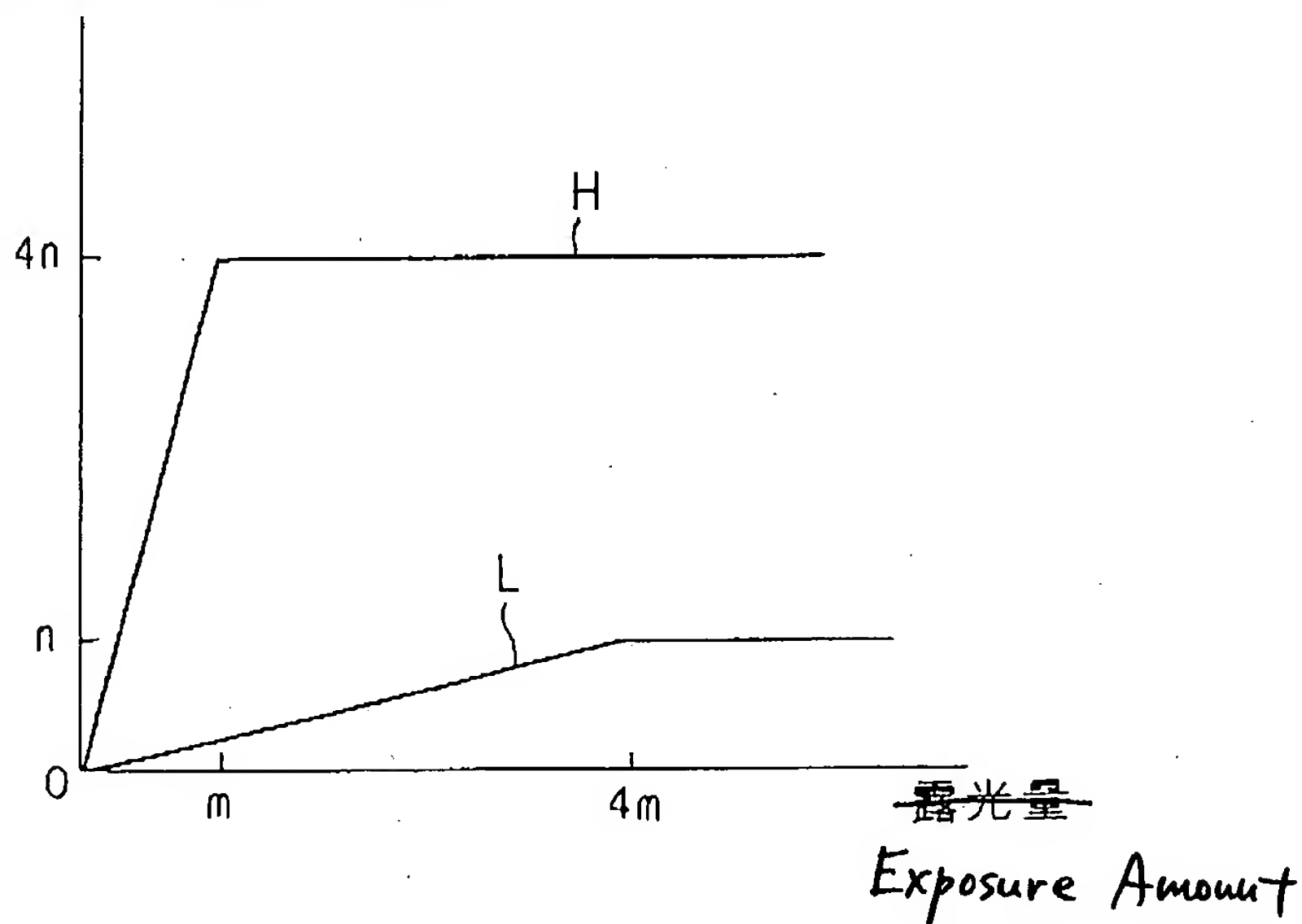
【書類名】 図面

【図1】



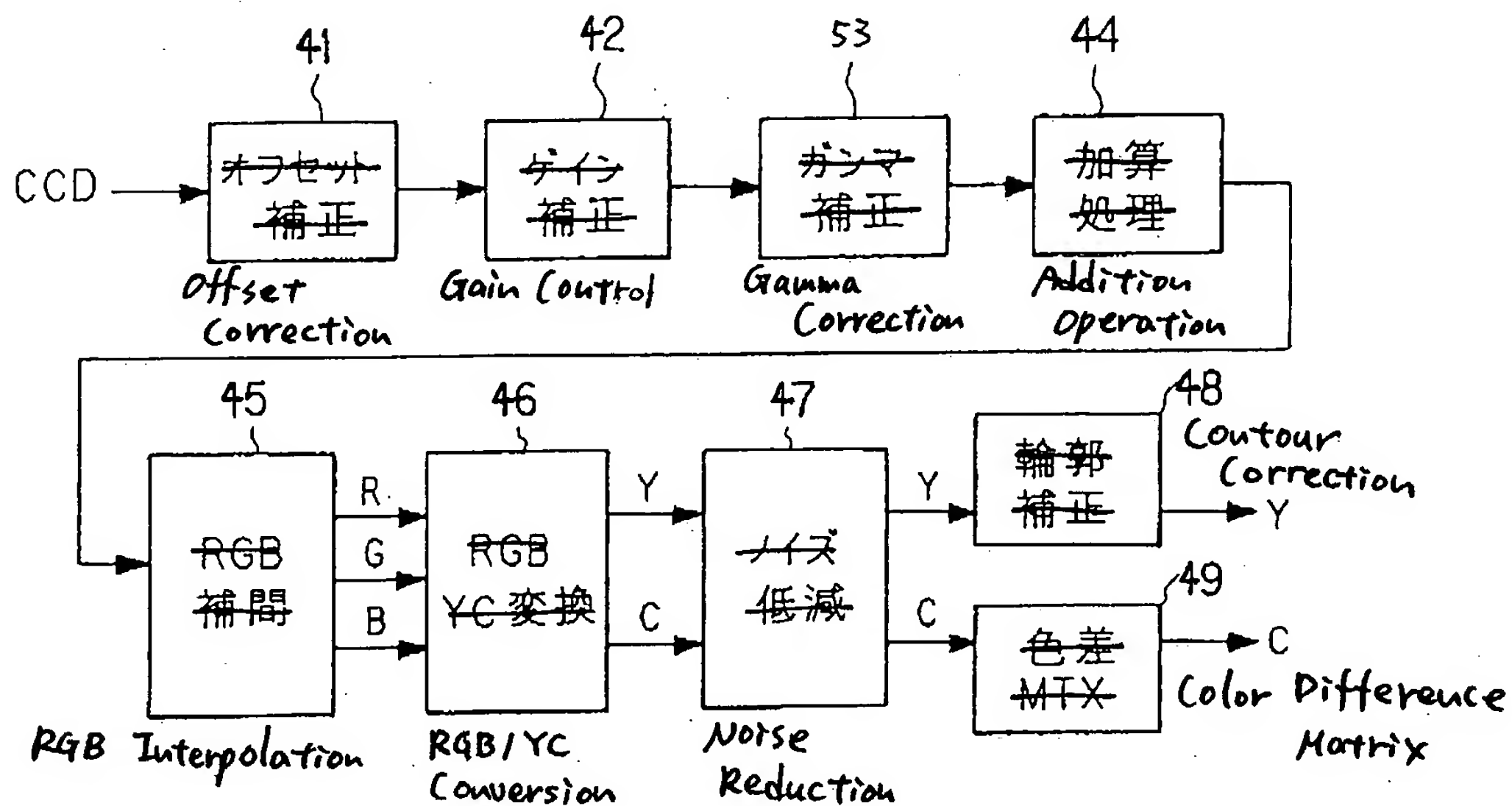
【図2】 FIG.15

信号レベル Signal Level



整理番号 = P - 4 1 0 0 0

【図3】 FIG. 16



【図4】 FIG. 17

